

From glowbugs@theporch.com Sat Dec 28 07:55:47 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1])
by uro.theporch.com (8.8.4/AUX-3.1.1)
with SMTP id HAA19173;
Sat, 28 Dec 1996 07:51:06 -0600 (CST)
Date: Sat, 28 Dec 1996 07:51:06 -0600 (CST)
Message-Id: <199612281351.HAA19173@uro.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 396
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 396

Topics covered in this issue include:

- 1) Ocean Hopper, cont.
by jkh@lexis-nexis.com (John Heck)
- 2) Re: Stancor P10 Transmitter
by bry@mnsinc.com (Brian Carling)
- 3) "The Vari-Coil"
by Jacqueline Herman <jherman@sierra.net>

Date: Fri, 27 Dec 96 09:01:48 EST
From: jkh@lexis-nexis.com (John Heck)
To: glowbugs@theporch.com
Subject: Ocean Hopper, cont.
Message-ID: <9612271401.AA13761@beans.lexis-nexis.com>

Folks,
Well, just as I'm starting to get the auction sale Knight Ocean Hopper going, I came upon a very interesting construction article in a 1941 issue of Science and Mechanics entitled "You Can 'Hop Across the Oceans' With This 2-Tube Receiver". This is the plans for an AC/DC version of "the famous Science and Mechanics 'Ocean Hopper' battery-operated regenerative receiver" first published in 1937. I have not got a schematic for the Knight OceanHopper but comparing my radio to the plans in the magazine it is easily seen that they are pretty much the same. Knight changed the tube layout a little, going to minature tubes from octals,

using a 12AT7 for the detector stage instead of a 12SJ7GT. Knight added an antenna trimmer and eliminated the resistance line cord. Knight retained the audio output transformer but eliminated the need for an external field coil. Knights chassis and

front panel layout are basically identical to the magazine plans. Knight also used a dry electrolytic in the power filter rather than the can originally called for. The Science and Mechanics editor for the column this article appears is L.J.

Marcus,

who I believe is the same Marcus of Marcus and Levy, who wrote the rather wide spread radio textbook of the forties and early fifties. This is a screen grid regen

design, and other than the lack of an RF front end, it would probably make a nice regen project. I think the Knight "Ocean Hopper" was a very popular and successful kit, and I'm quite sure it was a direct take off from the radio described in this plan. The plans are pretty complete although they make use of commercially available

coil sets. I am sure the standard Hammarlund coil sets of that time, whose windings are easily found, would work well with this set. I wonder what arrangement Allied worked out with Science and Mechanics to use the "Ocean Hopper" name?

Regards,

John Heck, KC8ETS

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jkh@lexis-nexis.com

Date: Fri, 27 Dec 1996 15:14:02 GMT

From: bry@mnsinc.com (Brian Carling)

To: labenz@ix.netcom.com (David M. Arruzza)

Cc: glowbugs@theporch.com

Subject: Re: Stancor P10 Transmitter

Message-ID: <199612271813.NAA06647@news2.mnsinc.com>

David - I am taking the liberty of forwarding a copy of your newsgroup posting to the GLOWBUGS list and see if anyone there can help you! We have a bunch of 6L6 transmitter fans there!

Best regards - Bry, AF4K

On 25 Dec 1996 17:37:17 GMT, you inscribed eloquently:

|>I need any info that might be available..late 30 early 40 6L6 rig

|>pse email any info

|>73 Dave WA1UUD

73 from Bry (((Amateur Radio G3XLQ / AF4K)))
<http://www.mnsinc.com/bry>
E-mail: bry@mnsinc.com
Home of MEGALIST ham radio files, SWL info. etc. etc.

Date: Fri, 27 Dec 1996 17:29:55 -0800 (PST)
From: Jacqueline Herman <jherman@sierra.net>
To: boatanchors@theporch.com
Cc: glowbugs@theporch.com
Subject: "The Vari-Coil"
Message-ID: <Pine.SUN.3.91.961227171800.14110A-100000@diamond.sierra.net>

While paging through FIFTY YEARS OF ARRL I came an old ad for the most amazing device called The Vari-Coil. It consists of two drum-like coil forms on parallel axes. As you turn the handle attached to one axis, the flexible wire runs from one drum to the other, running over a fixed bar between the two drums. Thus, turning the handle changes the inductance! The lower drum is gear-driven by the upper drum, so the flex wire stays taut. Ingenious!

>From the ad: Any size coil at your finger tips... \$10... Write for literature on this ultra modern tuner... Arthur J. Hurt & Co.

See page 78 in FIFTY YEARS.

Jeff KH2PZ / 7

End of GLOWBUGS Digest 396
